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ABSTRACT OF THE DISCLOSURE

A disk carrier which has a locking profile for receiving a disk assembly that can be axially fixed by a snap ring inserted in a groove. The locking profile and the groove are produced by non-cutting shaping. The groove has a groove base and two groove flanks and the snap ring has two faces. The groove flank supporting the snap ring is provided with an undercut having an angle of inclination α . Both groove flanks are arranged in parallel relative each other. The groove is produced by punching using a punch knife which is radially guided in a slanted plane that is tilted by the angle of inclination α relative to a radial plane. The faces of the snap ring are conical and have an angle of inclination β , whereby $\beta \geq \alpha$ and the maximum width (a) of the snap ring is located in the area of the groove base.